

# Enable Multiple Concurrent Remote Desktop Connections or Sessions in Windows XP

Windows XP Professional and Windows XP Media Center Edition (MCE) has Remote Desktop (RDP) service that allows the computer to be remotely connected, accessed and controlled from another computer or host. However, Windows XP machine only allows one concurrent remote desktop connection from a single user been connected to it with no multiple remote desktop sessions or connections support.

Whenever there is a remote user who user Remote Desktop Connection (RDC) client to connect to a Windows XP host, the local user is disconnected with the local console screen locked, with or without his or her permission. Remote Desktop, unlike Terminal Server Services in Windows 2000, Server 2003 and Server 2008, is designed for single user use only, no matter it's local or remote user.

Here's a hack to unlock the single user limitation and enable multiple concurrent remote desktop connection sessions support in Windows XP Professional and Media Center Edition, using a either a patched termserv.dll or old patched cracked termserv.dll build version version 5.1.2600.2055, so that unlimited users can simultaneously connect to a computer via Remote Desktop.



3. Go to **%windir%\System32** and make a backup copy (or rename) the **termsrv.dll**.
4. Rename or delete the **termserv.dll** in the **%windir%\System32\dlldata** folder.
5. Copy the downloaded **termsrv.dll** into **%windir%\System32**, **%windir%\ServicePackFiles\i386** (if exist) and **%windir%\System32\dlldata**.
6. Then download and run the [ts\\_multiple\\_sessions.bat](#) (in ZIP file) to merge the registry value into registry, or you can run Registry Editor to manually add the following registry value:

```
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Terminal
Server\Licensing Core]
"EnableConcurrentSessions"=dword:00000001
```

10. Ensure the Remote Desktop is enabled in System Properties Remote tab by selecting the radio button for **Allow users to connect remotely to this computer**.
11. Enable and turn on **Fast User Switching** in **Control Panel -> User Accounts -> Change the way users log on or off**.
12. Restart the computer normally.

Note that if you cannot replace or overwrite termserv.dll with access denied or file in use error, turn off the "Termine Services" in "Services" control panel of "Administrator Tools". Besides, each connecting physical connections must have their own user account in the target host, and must authenticate with corresponding own user name and password credential.

To uninstall and revert back to original termsrv.dll, simply delete the patched version, and rename the backup copy back to "termsrv.dll". You probably have to do it in Safe Mode if the Terminal Services is enabled and running.

If the Windows XP computer is connected to a domain on local networks, Windows will set the value of the regkey "AllowMultipleTSSessions" to "0" every time the computer is restarted. To ensure that multiple or unlimited Remote Desktop connection sessions is allowed in AD domain environment, the value data for "AllowMultipleTSSessions" has to be set to "1" on each system startup. To change the value, simply rerun the **ts\_multiple\_sessions.bat** every time the computer is started. Alternatively, put the **ts\_multiple\_sessions.bat** at **C:\Documents and Settings\All Users\Start Menu\Programs\Startup** folder so that it will be automatically run on first user with administrative privileges that logs on to the desktop. Another workaround is to install additional service or define a sub-key in **HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run** registry branch that run the registry batch file